1. Calculate the length, in units, of the diagonal between point A and point B as shown.

Round to the nearest hundredth, if necessary.

![Diagram](image.png)

2. Determine the missing value in each triangle.

![Diagram](image.png)

3. Can a right triangle be formed with a 15-cm line segment, a 20-cm line segment, and a 25-cm line segment? Justify your answer.